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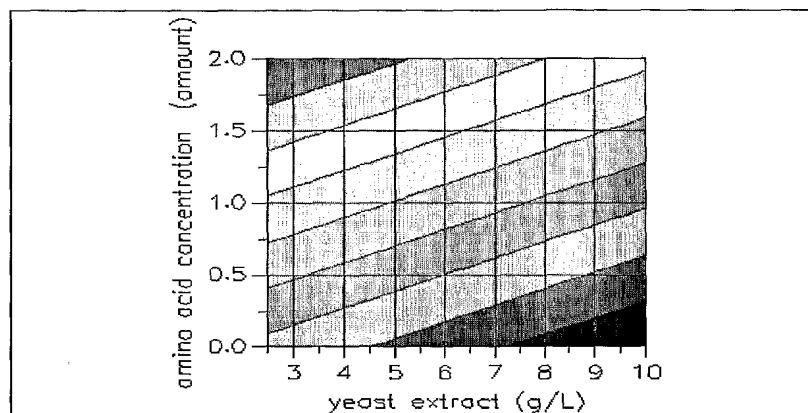
[Continued on next page]

(54) Title: PRODUCTION OF DIPHTHERIA TOXIN

Extrapolated response data of amino acid concentration (2x concentration) versus
yeast extract concentration (g/L) at iron concentration of 0.34 mL/L

ELISA Contour Plot

D.O.E. FUSION GRAPH



(57) Abstract: A *Corynebacterium diphtheriae* culture medium for the production of diphtheria toxin and methods for producing the toxin are provided. The medium is substantially free of animal-derived products and comprises water, a carbohydrate source, a nitrogen source and a number of free amino acids in an initial concentration wherein the initial concentration of each free amino acid is not limiting for the production of the toxin.



SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

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